

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. In October 1954, a meteorological conference of Soviet-Bloc nations was held in Budapest, Hungary. All of the Soviet-Bloc countries were represented including China and the DDR but only four, the USSR, Hungary, Czechoslovakia, and the DDR, took an active part in the conference. The purpose of the conference was to survey the field of long- and middle-range forecasting. Russian was the official language of the conference but the working language was German.
2. The USSR was represented by Aristov (fnu), who presented papers on forecasting for periods of from 8 to 14 days. The Soviet middle-range forecasters (8 - 14 days) use the methods of Multanowski and Pagawa and, in addition, make use of two-day means of the 500 millibar maps and charts showing height change for 48-hour periods at the 500 millibar level. Blumina (fnu) published a paper on this new method in the Soviet periodical, Akad. Nauk, Meteorologia und Hydrol. in the summer of 1954 but the publication is not available in West Germany. The East Germans at the conference were not able to understand how the Soviet forecasts were made because the method did not appear to be an objective one.
3. The Hungarians are doing extensive work in long-range forecasting but they study the movements of the stars and planets in a purely statistical manner with no basis in physical reasoning, resulting in an unrealistic approach. Berkes (fnu), the Hungarian representative, appears to be the leader in long-range forecasting in that country.
4. The Czechoslovakians, particularly Krivsky (fnu), are the only group of the Soviet Bloc who lean toward the West in their methods. They have studied the latest methods employed in the United States and are doing good work in relating atmospheric motions to solar activity.

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